

# Aditya Bisht

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## EDUCATION

Graphic Era Hill University

Uttarakhand, India

**Bachelor of Technology** in Computer Science and Technology

2022 – 2026

- Relevant coursework in [Problem Solving, AI / ML, etc.]

## SKILLS

**Technical:** Java, Python, C++, JavaScript, React.js, A.I. Augmented Development, MySQL, MongoDB, Git, Linux, Windows.

**Tools:** Git, GitHub, VS Code, IntelliJ IDEA, Postman, AWS

## EXPERIENCE

Freelance Software Developer and Web Developer

Uttarakhand, India

- Engineered full-stack web applications using **Next.js**, **Tailwind CSS**, and **MongoDB**.
- Designed and implemented **REST APIs**, authentication, and CRUD functionalities with responsive UI.
- Deployed projects on **Vercel** and managed version control via **Git**.
- Built multiple projects to **practice real-world software development and problem-solving skills**.

## PROJECTS

**Full-Stack SaaS Application (Community-Driven Platform)**

August 2025 – Present

**Route F5** [\[GITHUB LINK\]](#)

- Creating a student-focused platform aimed at simplifying career planning, academic decision-making, and peer-to-peer community interaction.
- Building the frontend using **Next.js**, **Tailwind CSS** and **A.I. Augmentation**, designing backend APIs with **Node.js/Express.js**, and integrating **MongoDB** for scalable data management.
- Currently building and iterating on the platform to enhance functionality, scalability, and community engagement.

**Collaborative Whiteboard (Collab-Board)** [\[Live Link\]](#)

April 2025 – July 2025

- Led a **team of 2** as the **Full-Stack Developer**, building a real-time collaborative whiteboard enabling users to draw, add shapes, and interact on an infinite canvas.
- Integrated **undo/redo with Stacks**, **spatial partitioning with Quadtrees**, and **real-time sync using WebSockets** for seamless collaboration.
- Developed using **Next.js**, **Tailwind CSS**, **Node.js**, **MongoDB**, and **Redis**, and launched on **Vercel** for scalable performance.

**AI-Driven DDoS Detection & Mitigation System**

July 2025 - Present

- Enhancing a real-time traffic classification system using **Random Forest** and **Deep Learning** models to detect Distributed Denial of Service (DDoS) attacks with high accuracy.
- Automated mitigation via **firewall APIs** and **dynamic load balancing** to reroute safe traffic.
- **Delivered** a scalable, low-latency cloud solution using Docker + Fast API.

## ACHIEVEMENTS

- Solved 200+ core DSA problems across [LEETCODE](#) and Hacker Rank.
- Ranked in the **top 2% globally** in the **Project Euler contest on Hacker Rank**.
- Completed Hacker Rank's Basic Certifications in **Problem Solving with Python** and **JavaScript**